

FL39 1 MAAV.....R.RHER.....DVVE.....
 ICK1 1 M..V.....RKYRKAK.....GIVE.....
 FL67 1 M.....GKYIRKSKIDGAGAGAGGGGGGGGGESSIALMDV...VSFS..
 FL66 1 M.....GKYMKKSKITG.....DISVMEVSKATAPS..
 ALFCDKI 1 M.....GKYMKKLK.....SKSESPSPN
 CrCKI 1 MAAAATPTSSPAKKIKK.....VSKS.....

FL39 14ENGVTT.....
 ICK1 14A.GVSS.....
 FL67 41SSSSLGVLTR.AKSLALQQQQRCLLQKPSSP
 FL66 27P....GVRTRA/KTLAI....KR..LNSSAAD
 ALFCDKI 19 STPTPSPSPSPPTPITTNSPPPTTNSSDGVRTR.ARTLAIE.....NS....
 CrCKI 22GVRTR.ARTLAIE.....NS....

FL39 20TT..VKRRKMEEEVDLVES
 ICK1 19TY..MQLR.....S
 FL67 72 SSLPPTSASPNPPSKQKMKKKQQQM.....D.CGSY.L.QLR.....S
 FL66 49 SALP.....N....DSSC.Y.L.QLR.....S
 ALFCDKI 61NNQNQLSVSSD.....SY.L.QLR.....N
 CrCKI 22SYNIPQLR.....S

FL39 37 RIILSPCVQATNRGGIV.AR.....
 ICK1 26 R.....R.IVYVR.....
 FL67 108 R.....RLQKKP.....PIVVIRSTKRRKQQRNETCGRNP
 FL66 64 R.....RLE.KPSSLIEP.....KQ.....P.
 ALFCDKI 80 R.....RLKR.....PLIRQHS AKRNK.....GHDGN
 CrCKI 31 R.....R.....K.....N

FL39 56NSAGASE..TSV....VIVRRRDSPPVEEQ.....
 ICK1 33SEKSSSV....SVV.....
 FL67 140 ...PRSNLDSIRGDCSRS..DSVSE..SVVFGKDKDLTSE.I....NKDPTF...
 FL66 79 ...PRVHRSGIKESGSRSRVDSVN..SVP.....VAQSS....NEDECDFNF
 ALFCDKI 102 ...PK...SPI...G....DSTAEKTV.....OKSPEPENAE..FK..
 CrCKI 35 LSAP.....

FL39 80 ..CQIEEEDSSV.SCCSTSEE.KSKRRIEVDLEE..NNGDDRET.ETSWIY...
 ICK1 43GNGVSSSCSGSNEYKKK...ELIHLEEDKDGD...T.ETS.TYRRG
 FL67 180GN.....FDLEEEHTQSFNHTRES.....
 FL66 117 VSVQVSCGENSLG.....F...ESRH.....STRES..
 ALFCDKI 129ENA.....EDTE.....RSARET..
 CrCKI 39EN.....EAEI.....ET.....

FL39 125DDLNKSEESMNMDS..SSVAVEDVE.....
 ICK1 83 TKRKLCENLREEEKEELSKSME..NYSSEFES.AVK..E.....
 FL67 202 TP.....CS.....LIRRPCTM.....TT.....PG
 FL66 140 TP.....CN.....FVEDMEIM.....VT.....PG
 ALFCDKI 142 TP.....VH.....LIMRADVLRPPRPITRRT.FE..
 CrCKI 47 TPLEVAAVVEEEEVANCS.....SSEVI.....TTARSDEFP

Figure 1



(2/2)

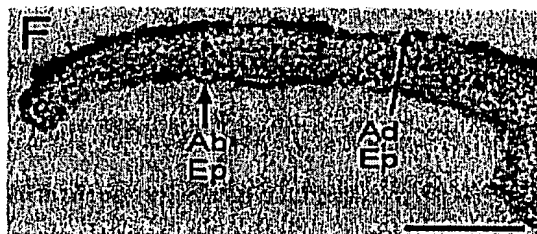
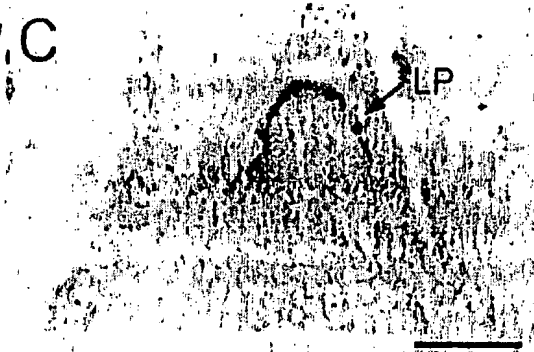
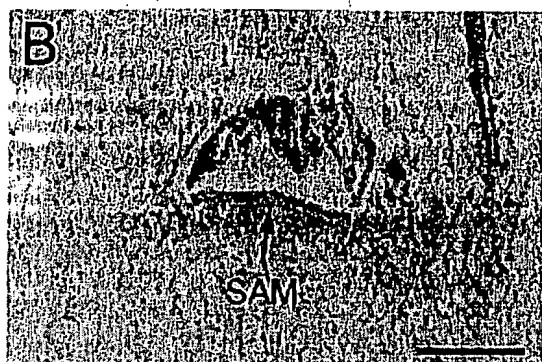
FL39 148 SRRRL.....RKSLHETV..
ICK1 117 S...LDCCCS.....GRKTMETVTA
FL67 218 SSTALNIC..VS.....SNOR..EDSLSR
FL66 156 SSTP.SMCRAK.....EYTRE..QDNVI.
ALFCDKI 166 ..T.....SANPA..TE....
CrCKI 79 S.....CCSSNYDQLSSSEPEVVKDDGLGNRTADPEVESGEASSK...OK...E

FL39 161K.....EAELEDDFFQVAEKDLRNLLLECSMK
ICK1 135 EEEKAKLMT.....EMPTSEIEDFFVEAEKOLKEK...KKK
FL67 239 SHRRR.....PTT.....EMDEFFSGAEEEEQKOFIE...K
FL66 177PTT.....S...EMEEFFAYAEQOORLME...K
ALFCDKI 174Q.....PTI.....FISREFEEFFCAKHEAEQOREFME...K
CrCKI 123 SHRTEAREATKLDQDYEATKSTVQIKMPSDSEIEEFFFAVAEKLOKRFE...K

FL39 187YNFDFEKDEPLGGGRYE
ICK1 171YNFDFEKEKPL.EGRYE
FL67 268 YVFRFICSVLLVMSFQFVLFFSFGLVSLMVSVNSFFRYNFDPVNEOPLP.GREE
FL66 201YNFDIVNCIPLS.GRYE
ALFCDKI 202YNFDPVTEOPLP.GRYE
CrCKI 175YNFDIVKEVPLK.GRYE

FL39 204 WVKLINE
ICK1 187 WVKLE
FL67 322 WTKVDD
FL66 217 WVOVKE
ALFCDKI 218 WEKVSE
CrCKI 191 WVPINP

FIGURE 1 (continued)

[illegible]

[illegible]

A high-contrast, black and white photograph of a small, young plant with several leaves growing from a central point, set against a dark, textured background. The plant is the central focus, with its leaves appearing as bright, irregular shapes against the dark, grainy background. The lighting is harsh, creating deep shadows and bright highlights on the leaves. The overall composition is centered and symmetrical, emphasizing the form of the young plant.

Figure 3B

Control

ICK2 1.10

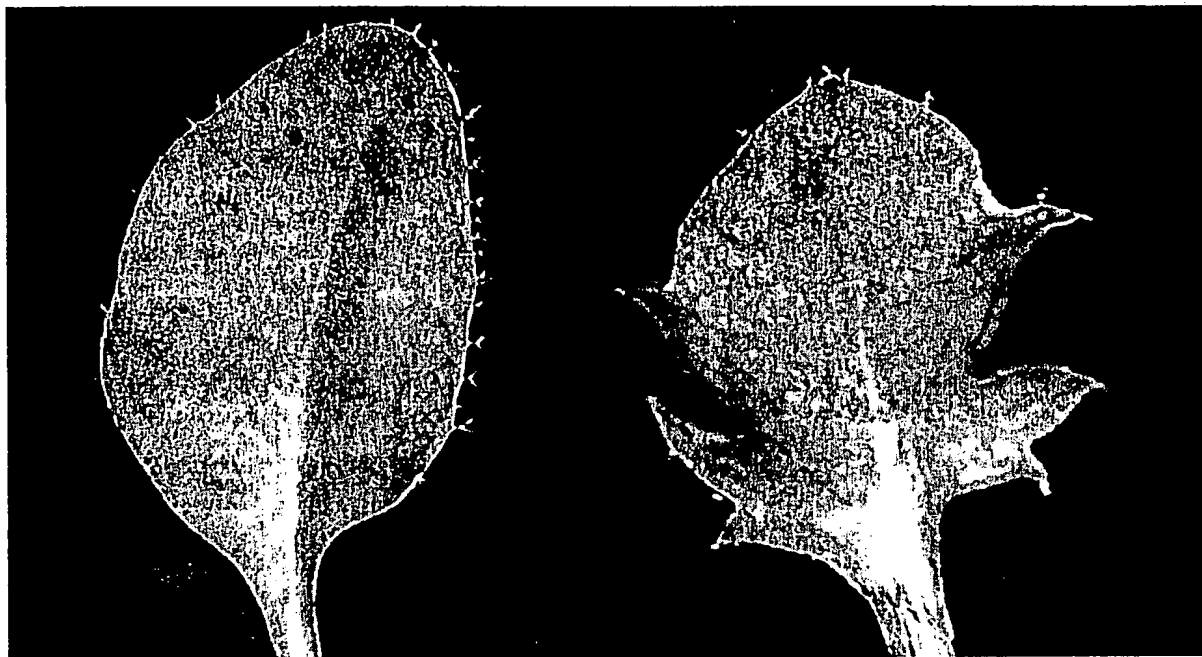


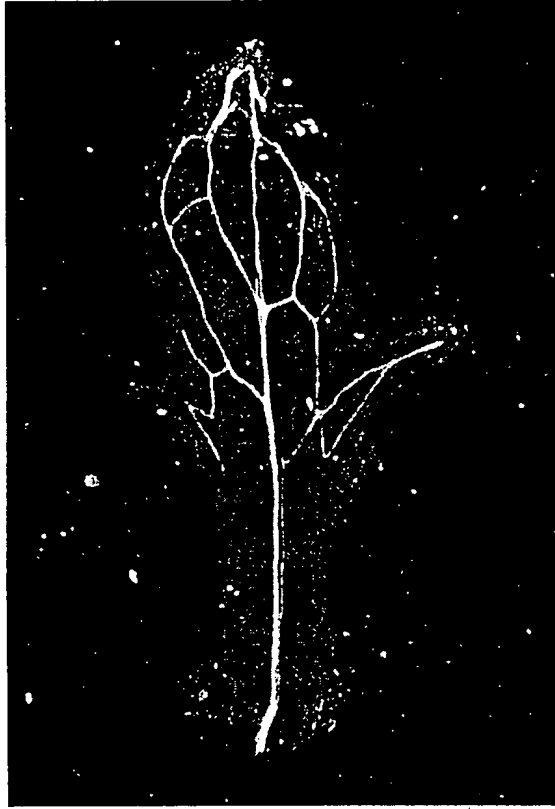
Figure 3C

000750" 55/4/96D

Figure 4A



Figure 4B



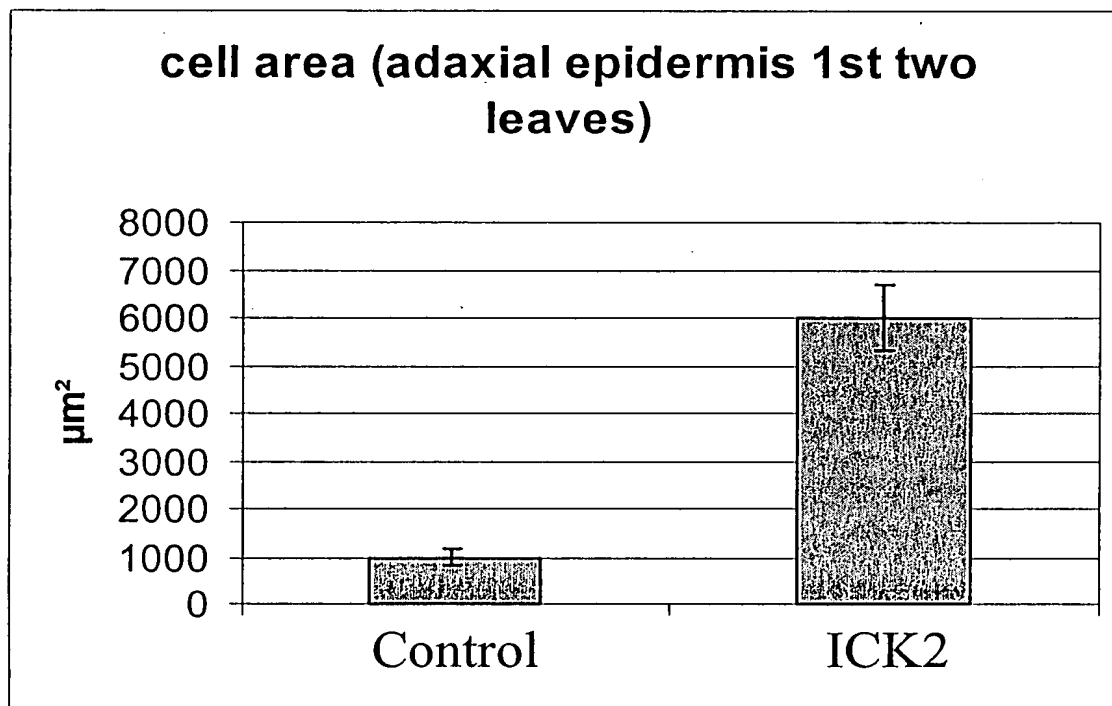


Figure 5

Figure 6A

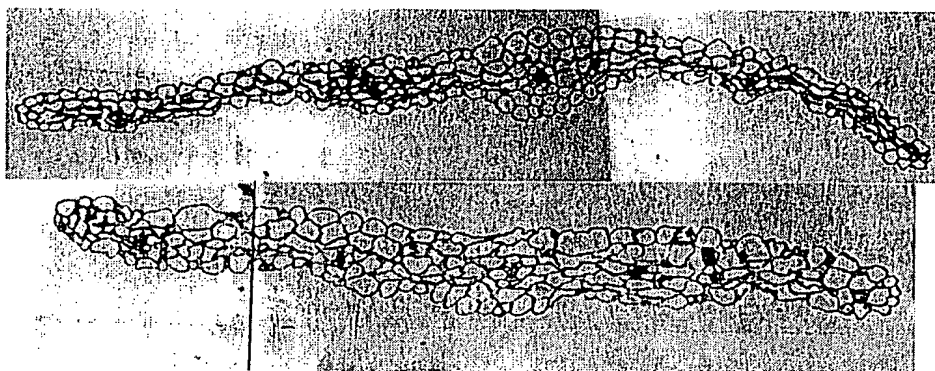
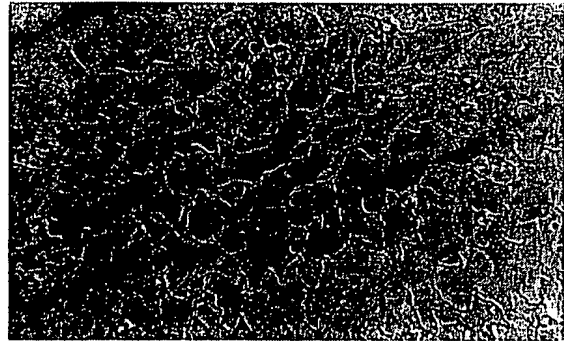


Figure 6B

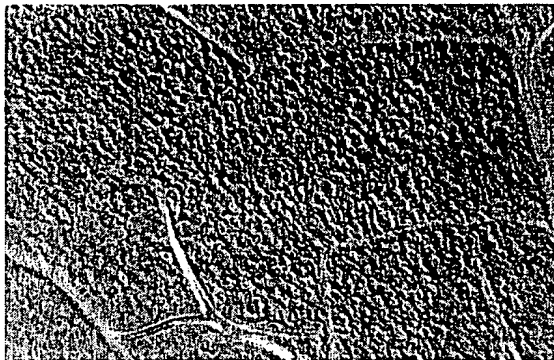
Narrow leaves: Whole-mount study of cleared leaves (1st rosette leaves)



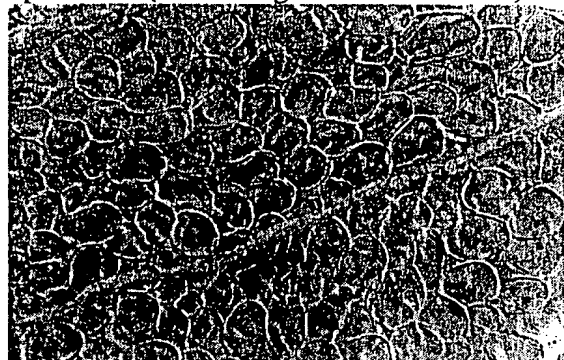
WT: DIC image of adaxial epidermis



35SFL39: DIC image of adaxial epidermis (same magnification as WT)



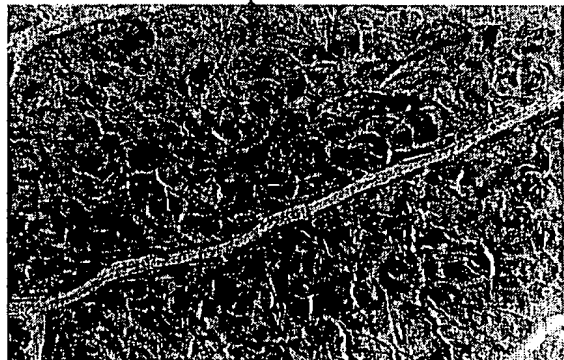
WT: DIC image of palissade layer



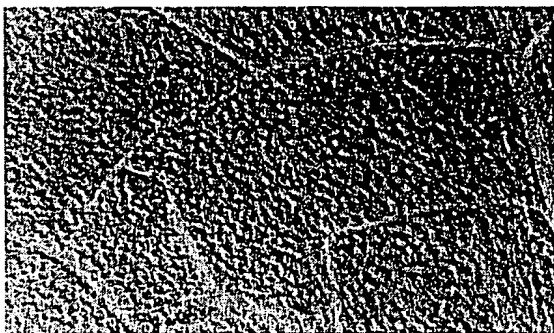
35SFL39: DIC of palissade



WT: DIC image of spongy parenchyma



35SFL39: DIC image of spongy parenchyma



WT: DIC image of abaxial epidermis



35SFL39: DIC image of abaxial epidermis

Figure 7

Control



Figure 8A



Figure 8B

ICK2

09374733 094800

35SFL39 seed

1

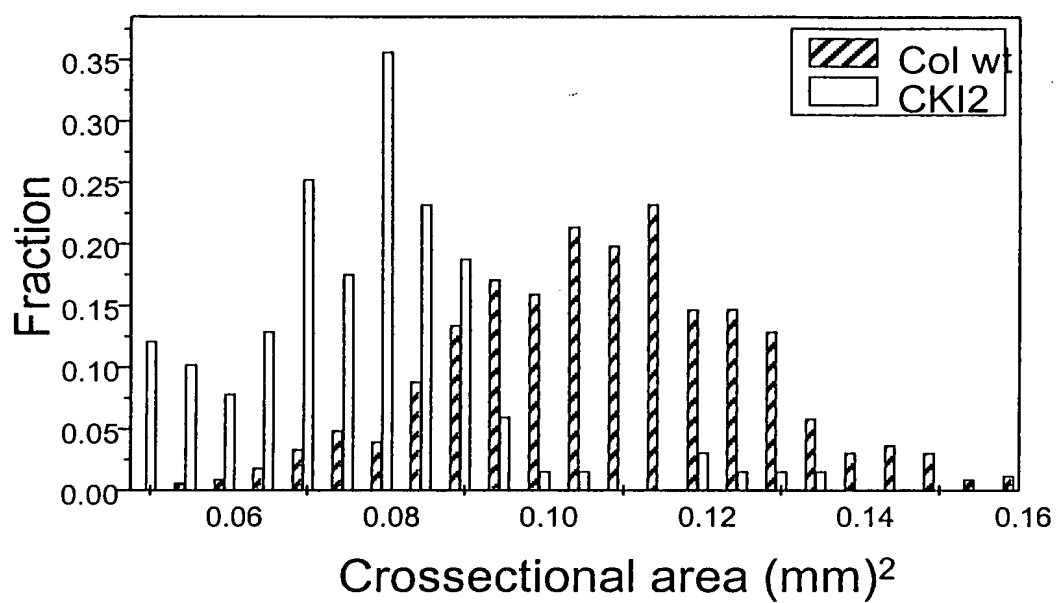


Figure 10

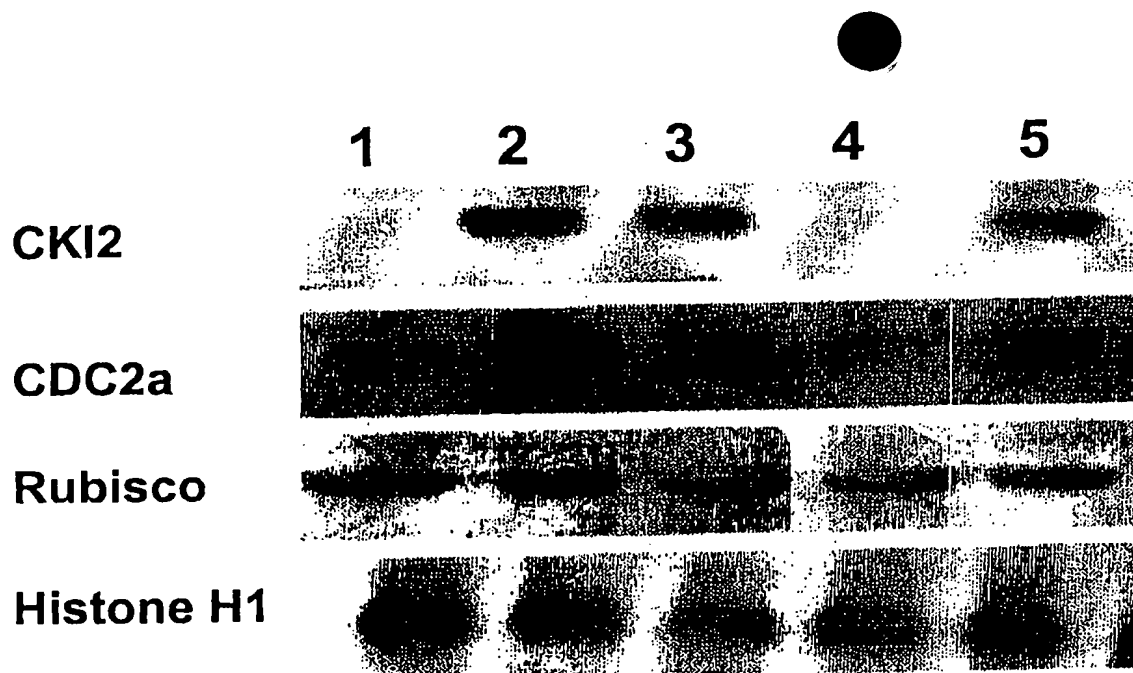


Figure 11

009750" 55/4/560

